



For Receiving Office use only

**REQUEST**

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty.

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference  
(if desired) (12 characters maximum)

PCA-1865AU

**Box No. I TITLE OF INVENTION****DRAINAGE CATHETER****Box No. II APPLICANT****APPLIED MEDICAL RESOURCES CORPORATION**

Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country of residence if no State of residence is indicated below.)

**APPLIED MEDICAL RESOURCES CORPORATION**  
22872 Avenida Empresa  
Rancho Santa Margarita, California 92688  
United States of America

☐ This person is also inventor.Telephone No.  
(949) 713-8200Facsimile No.  
(949) 713-8206

Teleprinter No.

State (that is, country) of nationality:  
USState (that is, country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated states ☒ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

**Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)**

Name and address: (Family name followed by given name: for a legal entity full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

**HART, Charles C.**  
126 Marvin Gardens  
Summerville, South Carolina 29483-8949  
United States of America

This person is:

☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below)

State (that is, country) of nationality:  
USState (that is, country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated states ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further Applicants and/or (further) inventors are indicated on a continuation sheet.**Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE**

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as: ☒ agent ☐ common representative

Name and address: (Family name followed by given name: for a legal entity full official designation. The address must include postal code and name of country.)

**MYERS, Richard L.**  
22872 Avenida Empresa  
Rancho Santa Margarita, California 92688  
United States of America

Telephone No.  
(949) 713-8000Facsimile No.  
(949) 713-8206

Teleprinter No.

☐ Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III

FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

*If none of the following sub-boxes is used, this sheet should not be included in the request*

Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country of residence if no State of residence is indicated below.)

PINEDJIAN, Raffi S.  
9196 Sara River Circle  
Fountain Valley, California 92708  
United States of America

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated states ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country of residence if no State of residence is indicated below.)

PRAVONG, Boun  
450 Wilson Circle  
Corona, California 92879  
United States of America

This person is:

- ☐ applicant only  
☒ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated states ☐ all designated States except the United States of America ☒ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated states ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name: for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country of residence if no State of residence is indicated below.)

This person is:

- ☐ applicant only  
☐ applicant and inventor  
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality:  
US

State (that is, country) of residence:  
US

This person is applicant for the purpose of: ☐ all designated states ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet.

## Box No. V DESIGNATION OF STATES

Mark the applicable check-boxes; at least one must be marked

The following designations are hereby made under Rule 4.9(a)(mark the applicable check-boxes; at least one must be marked):

## Regional Patent

- ☐ AP ARIPO Patents: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment desired, specify on dotted line).....
- ☐ EA Eurassian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, SK Slovakia, TR Turkey, and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☐ OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired specify on the dotted line).....

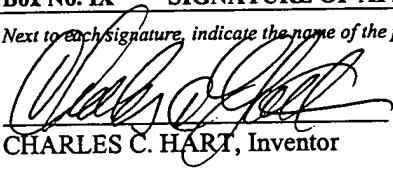
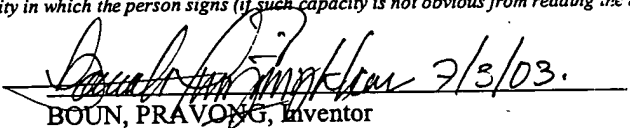
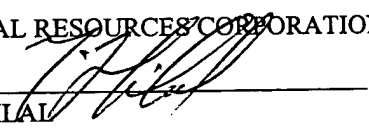
## National Patent (if other kind of protection or treatment desired, specify on dotted line):

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> AE United Arab Emirates.....               | <input type="checkbox"/> GM Gambia.....                                    | <input type="checkbox"/> NZ New Zealand.....                         |
| <input type="checkbox"/> AG Antigua and Barbuda.....                | <input type="checkbox"/> HR Croatia.....                                   | <input type="checkbox"/> OM Oman.....                                |
| <input type="checkbox"/> AL Albania.....                            | <input type="checkbox"/> HU Hungary.....                                   | <input type="checkbox"/> PH Philippines.....                         |
| <input type="checkbox"/> AM Armenia.....                            | <input type="checkbox"/> ID Indonesia.....                                 | <input type="checkbox"/> PL Poland.....                              |
| <input type="checkbox"/> AT Austria.....                            | <input type="checkbox"/> IL Israel.....                                    | <input type="checkbox"/> PT Portugal.....                            |
| <input type="checkbox"/> AU Australia.....                          | <input type="checkbox"/> IN India.....                                     | <input type="checkbox"/> RO Romania.....                             |
| <input type="checkbox"/> AZ Azerbaijan.....                         | <input type="checkbox"/> IS Iceland.....                                   | <input type="checkbox"/> RU Russian Federation.....                  |
| <input type="checkbox"/> BA Bosnia and Herzegovina.....             | <input checked="" type="checkbox"/> JP Japan.....                          |  |
| <input type="checkbox"/> BB Barbados.....                           | <input type="checkbox"/> KE Kenya.....                                     | <input type="checkbox"/> SD Sudan.....                               |
| <input type="checkbox"/> BG Bulgaria.....                           | <input type="checkbox"/> KG Kyrgyzstan.....                                | <input type="checkbox"/> SE Sweden.....                              |
| <input type="checkbox"/> BR Bulgaria.....                           | <input type="checkbox"/> KP Democratic People's Republic of Korea.....     | <input type="checkbox"/> SG Singapore.....                           |
| <input type="checkbox"/> BY Belarus.....                            | <input type="checkbox"/> KR Republic of Korea.....                         | <input type="checkbox"/> SI Slovenia.....                            |
| <input type="checkbox"/> BZ Belize.....                             | <input type="checkbox"/> KZ Kazakhstan.....                                | <input type="checkbox"/> SK Slovakia.....                            |
| <input checked="" type="checkbox"/> CA Canada.....                  | <input type="checkbox"/> LC Saint Lucia.....                               | <input type="checkbox"/> SL Sierra Leone.....                        |
| <input type="checkbox"/> CH & LI Switzerland and Liechtenstein..... | <input type="checkbox"/> LK Sri Lanka.....                                 | <input type="checkbox"/> TJ Tajikistan.....                          |
| <input type="checkbox"/> CN China.....                              | <input type="checkbox"/> LR Liberia.....                                   | <input type="checkbox"/> TM Turkmenistan.....                        |
| <input type="checkbox"/> CO Colombia.....                           | <input type="checkbox"/> LS Lesotho.....                                   | <input type="checkbox"/> TN Tunisia.....                             |
| <input type="checkbox"/> CR Costa Rica.....                         | <input type="checkbox"/> LT Lithuania.....                                 | <input type="checkbox"/> TR Turkey.....                              |
| <input type="checkbox"/> CU Cuba.....                               | <input type="checkbox"/> LU Luxembourg.....                                | <input type="checkbox"/> TT Trinidad and Tobago.....                 |
| <input type="checkbox"/> CZ Czech Republic.....                     | <input type="checkbox"/> LV Latvia.....                                    |  |
| <input type="checkbox"/> DE Germany.....                            | <input type="checkbox"/> MA Morocco.....                                   | <input type="checkbox"/> TZ United Republic of Tanzania.....         |
| <input type="checkbox"/> DK Denmark.....                            | <input type="checkbox"/> MD Republic of Moldova.....                       | <input type="checkbox"/> UA Ukraine.....                             |
| <input type="checkbox"/> DM Dominica.....                           |  | <input type="checkbox"/> UG Uganda.....                              |
| <input type="checkbox"/> DZ Algeria.....                            | <input type="checkbox"/> MG Madagascar.....                                | <input checked="" type="checkbox"/> US United States of America..... |
| <input type="checkbox"/> EC Ecuador.....                            | <input type="checkbox"/> MK The former Yugoslav Republic of Macedonia..... |  |
| <input type="checkbox"/> EE Estonia.....                            | <input type="checkbox"/> MN Mongolia.....                                  | <input type="checkbox"/> UZ Uzbekistan.....                          |
| <input type="checkbox"/> ES Spain.....                              | <input type="checkbox"/> MW Malawi.....                                    | <input type="checkbox"/> VN Viet Nam.....                            |
| <input type="checkbox"/> FI Finland.....                            | <input type="checkbox"/> MX Mexico.....                                    | <input type="checkbox"/> YU Yugoslavia.....                          |
| <input type="checkbox"/> GB United Kingdom.....                     | <input type="checkbox"/> MZ Mozambique.....                                | <input type="checkbox"/> ZA South Africa.....                        |
| <input type="checkbox"/> GD Grenada.....                            | <input type="checkbox"/> NO Norway.....                                    | <input type="checkbox"/> ZM Zambia.....                              |
| <input type="checkbox"/> GE Georgia.....                            |  | <input type="checkbox"/> ZW Zimbabwe.....                            |
| <input type="checkbox"/> GH Ghana.....                              |  |  |

Check-boxes below reserved for designating States which have become party to the PCT after issuance of this sheet:

- ☐ ..... ☐ ..... ☐ .....
- ☐ ..... ☐ ..... ☐ .....

**Precautionary Designation Statement:** In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit)

<b>Box No. VI PRIORITY CLAIM</b>		<input type="checkbox"/> Further priority claim indicated in the Supplemental Box.		
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country	regional application.* regional Office	international application: receiving Office
item (1) 16 July 2002 (16.07.02)	60/396,225	US		
item (2)				
item (3)				
<input checked="" type="checkbox"/> The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s): <u>1</u> * Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box.				
<b>Box No. VII INTERNATIONAL SEARCHING AUTHORITY</b>				
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen.; the two-letter code may be used):  ISA /US		Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):  Date (day/month/year)      Number      Country (or regional Office)		
<b>Box No. VIII CHECK LIST: LANGUAGE OF FILING</b>				
This international application contains the following number of sheets: request : 4 description (excluding sequence listing part) : 9 claims : 3 abstract : 1 drawings : 7 sequence listing part of description : Total number of sheets : 24		: This international application is accompanied by the items(s) marked below: 1. <input checked="" type="checkbox"/> fee calculation sheet 2. <input type="checkbox"/> separate signed power of attorney 3. <input type="checkbox"/> copy of general power of attorney; reference number, if any: 4. <input type="checkbox"/> statement explaining lack of signature 5. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): 6. <input type="checkbox"/> translation of international application into (language): 7. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material 8. <input type="checkbox"/> nucleotide and/or amino acid sequence listing in computer readable form 9. <input checked="" type="checkbox"/> other (specify): Return Receipt Postcard		
Figure of the drawings which should accompany the abstract: 1		Language of filing of the international application: English		
<b>Box No. IX SIGNATURE OF APPLICANT OR AGENT</b>				
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request)				
 CHARLES C. HART, Inventor		 BOUN, PRAVONG, Inventor		
RAFFI S. PINEDJIAN, Inventor		APPLIED MEDICAL RESOURCES CORPORATION By:  NABIL HILAL Senior Vice-President		

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1. Date of actual receipt of the purported international application		2. Drawings  <input type="checkbox"/> received  <input type="checkbox"/> not received
3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application:		
4. Date of timely receipt of the required corrections under PCT Article 11(2):		
5. International Searching Authority (if two or more are competent):; ISA/	6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid.	

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Date of actual receipt of the record copy

<b>Box No. VI PRIORITY CLAIM</b>		<input type="checkbox"/> Further priority claim indicated in the Supplemental Box.		
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is:		
		national application: country	regional application.* regional Office	international application: receiving Office
item (1) 16 July 2002 (16.07.02)	60/396,225	US		
item (2)				
item (3)				

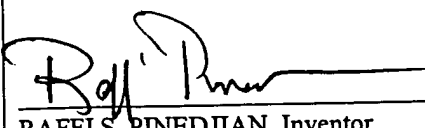
☒ The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s): 1

\* Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.10(b)(ii)). See Supplemental Box.

<b>Box No. VII INTERNATIONAL SEARCHING AUTHORITY</b>	
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used):  ISA /US	Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):  Date (day/month/year)      Number      Country (or regional Office)

<b>Box No. VIII CHECK LIST: LANGUAGE OF FILING</b>	
This international application contains the following number of sheets: request : 4 description (excluding sequence listing part) : 9 claims : 3 abstract : 1 drawings : 7 sequence listing part of description : Total number of sheets : 24	This international application is accompanied by the items(s) marked below: 1. <input checked="" type="checkbox"/> fee calculation sheet 2. <input type="checkbox"/> separate signed power of attorney 3. <input type="checkbox"/> copy of general power of attorney; reference number, if any: 4. <input type="checkbox"/> statement explaining lack of signature 5. <input type="checkbox"/> priority document(s) identified in Box No. VI as item(s): 6. <input type="checkbox"/> translation of international application into (language): 7. <input type="checkbox"/> separate indications concerning deposited microorganism or other biological material 8. <input type="checkbox"/> nucleotide and/or amino acid sequence listing in computer readable form 9. <input checked="" type="checkbox"/> other (specify): Return Receipt Postcard

Figure of the drawings which should accompany the abstract: <u>1</u>	Language of filing of the international application      English
--	--

<b>Box No. IX SIGNATURE OF APPLICANT OR AGENT</b>	
Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request)	
_____ CHARLES C. HART, Inventor   RAFFI S. PINEDJIAN, Inventor	_____ BOUN, PRAVONG, Inventor  APPLIED MEDICAL RESOURCES CORPORATION  By: _____ NABIL HILAL Senior Vice-President

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1. Date of actual receipt of the purported international application 3. Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application: 4. Date of timely receipt of the required corrections under PCT Article 11(2): 5. International Searching Authority (if two or more are competent):;      ISA/	2. Drawings <input type="checkbox"/> received <input type="checkbox"/> not received
6. <input type="checkbox"/> Transmittal of search copy delayed until search fee is paid.	

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Date of actual receipt of the record copy

PCT

## FEE CALCULATION SHEET

Annex to the Request

Receiving Office use only

International application No.

Applicant's or agent's  
file reference PCA-1865-AU

Date stamp of the receiving Office

Applicant  
APPLIED MEDICAL RESOURCES CORPORATION

## CALCULATION OF PRESCRIBED FEES

1. TRANSMITTAL FEE ..... 240 T

2. SEARCH FEE ..... 700 S

International search to be carried out by US  
*(If two or more International Searching Authorities are competent in relation to the international application, indicate the name of the Authority which is chosen to carry out the international search.)*

## 2. INTERNATIONAL FEE

## Basic Fee

The international application contains 24 sheets

first 30 sheets ..... 407 b1

0 x 9  
 remaining sheets additional amount ..... b2

Add amounts entered at b1 and b2 and enter total at b ..... 407 B

## Designation Fees

The international application contains 4 designations.
4 x 88 =  
 number of designation fees amount of designation fee  
 payable (maximum 11) ..... 352 D

add amounts entered at B and D and enter total at I ..... 759 I

*(Applicants from certain States are entitled to a reduction of 75% of the international fee. Where the applicant is (or all applicants are) so entitled, the total to be entered at I is 25% of the sum of the amounts entered at B and D.)*

4. FEE FOR PRIORITY DOCUMENT (if applicable) ..... 20.00 P

5. TOTAL FEES PAYABLE ..... 1,719

Add amounts entered at T, S, I and P, and enter total in the TOTAL box

TOTAL

☐ The designation fees are not paid at this time

## MODE OF PAYMENT

☐ authorization to charge  
deposit account (see below)☒ cheque☐ postal money order☐ bank draft☐ cash☐ revenue stamps☐ coupons☐ other (specify)

## DEPOSIT ACCOUNT AUTHORIZATION (this mode of payment may not be available at all receiving Offices)

The RO/ US ☐ is hereby authorized to charge the total fees indicated above to my deposit account.☒ is hereby authorized to charge any deficiency or credit any overpayment in the total fees indicated above to my deposit account.☐ is hereby authorized to charge the fee for preparation and transmittal of the priority document to the International Bureau of WIPO to my deposit account

01-2215

Deposit Account No.

Date (day/month/year)

2 JULY 2003

Signature KENNETH K. VU

Kenneth K. VU